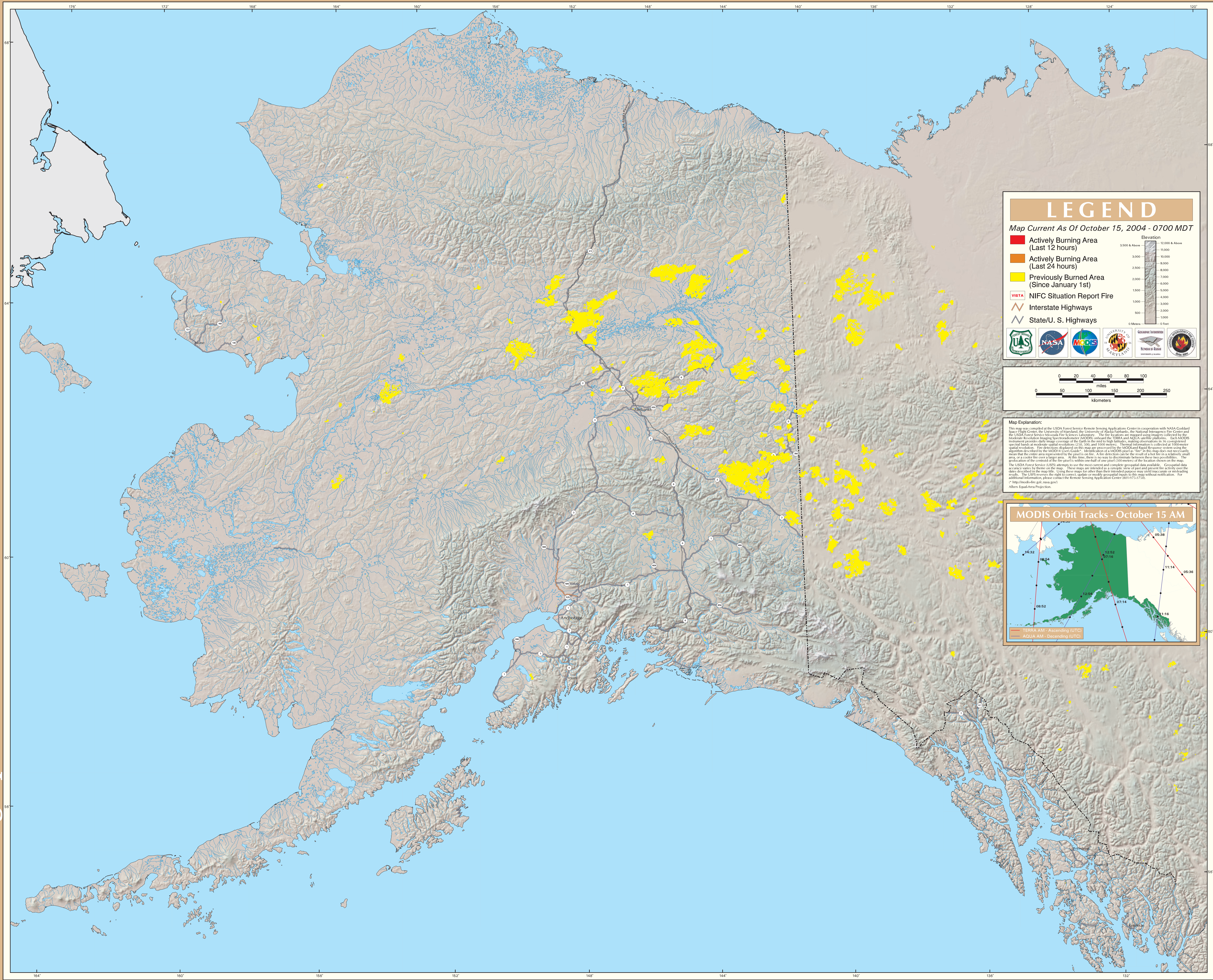


# MODIS Active Fire Detections - October 15, 2004

Alaska Geographic Area



## LEGEND

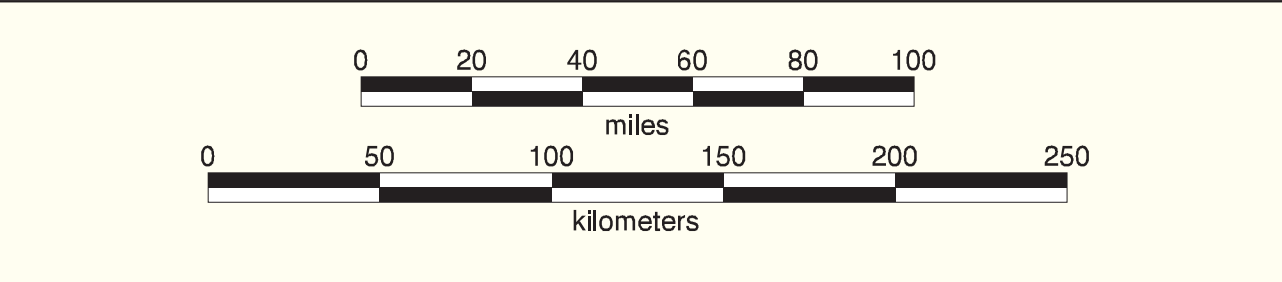
Map Current As Of October 15, 2004 - 0700 MDT

- Actively Burning Area (Last 12 hours)
- Actively Burning Area (Last 24 hours)
- Previously Burned Area (Since January 1st)
- NIFC Situation Report Fire
- Interstate Highways
- State/U. S. Highways

Elevation

3,000 & Above	12,000 & Above
3,000	11,000
2,500	10,000
2,000	9,000
1,500	8,000
1,000	7,000
900	6,000
0	5,000
0	4,000
0	3,000
0	2,000
0	1,000
0	0

0 Meters 0 Feet



**Map Explanation:**

This map was compiled at the USDA Forest Service Remote Sensing Applications Center in cooperation with NASA Goddard Space Flight Center, the University of Maryland, the University of Alaska Fairbanks, the National Interagency Fire Center and the USDA Forest Service Alaska Fire Science Laboratory. The fire locations are mapped using imagery collected by the Moderate Resolution Imaging Spectroradiometer (MODIS) onboard the TERRA and AQUA satellites. Each MODIS instrument provides daily image coverage of the Earth in the mid to high latitudes, making observations in 36 consecutive spectral bands at moderate spatial resolution (250, 500, and 1000 meters). Thermal information is collected at 1000-meter spatial resolution. The data are then analyzed using the National Interagency Fire Center's fire detection algorithm described in the MODIS Users Guide. Identification of a MODIS pixel as "fire" in this map does not necessarily mean that the entire area represented by the pixel is on fire. A fire detection can be the result of a hot fire in a relatively small area, or a cooler fire over a larger area. At this time, there is no way to discriminate between these two possibilities. The production of the center of the fire pixel is within one-half of one pixel (500 meters) of the location shown on the map. The USDA Forest Service (USFS) attempts to use the most current and complete geospatial data available. Geospatial data accuracy varies by theme on the map. These maps are intended as a snapshot view of past and present fire activity over the dates described in the map title. Using these maps for other than their intended purpose may yield inaccurate or misleading results. The USFS reserves the right to correct, update or modify geospatial inputs to this map without notification. For additional information, please contact the Remote Sensing Application Center (801-975-5750).

<http://modis-fire.sci.usda.gov/>

Albers Equal-Area Projection.

